

REMARKS

The Examiner is thanked for the thorough review and consideration of the present application. The non-final Office Action dated March 9, 2004 has been received and its contents carefully reviewed.

By this Response, Applicants have amended FIGs. 1-4 to add "Prior Art" in the legend, as indicated in red in the annotated sheets showing changes. Replacement sheets are provided to incorporate the drawing change. Also, claims 1, 11 and 13 have been amended, and claims 8-10 and 16-17 have been cancelled without prejudice or disclaimer. No new matter has been added. Claims 1-7, 11-15 and 18-56 are pending in the application with claims 12 and 18-56 being withdrawn from consideration. Reconsideration and withdrawal of the objection and rejections based upon the above amendments and the following remarks are respectfully requested.

The Office Action has objected to FIGs. 1-4 because the term "Prior Art" should be designated in the legend. Applicants have amended FIGs. 1-4 to include "Prior Art" in the legend. Accordingly, the objection is overcome.

The Office Action rejected claim 1 under 35 U.S.C. § 112, first paragraph, as based on a disclosure which is not enabling. Specifically, the Office Action states all of the structure in paragraph [0025] of Applicants specification must be present in the base claim. Applicants have amended claim 1 so the rejection under § 112 is now moot. As such, reconsideration and withdrawal of the rejection are respectfully requested.

In the Office Action, claims 1, 2, 7-11, 13, 16 and 17 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,745,207, issued to Asada et al. (hereafter "Asada"). Applicants have cancelled claims 8-10 and 16-17 without prejudice or disclaimer of the subject matter recited therein. Thus, the rejection, as applied to cancelled claims 8-10 and 16-17, is rendered moot. Applicants respectfully traverse the rejection because Asada fails to teach or suggest each and every feature recited in the claims of the present application. For example, Asada fails to teach or suggest an in-plane switching liquid crystal display device including, among other features, "extended portions extending from the common line between a boundary of the pixel region and an outermost extended portion of the common electrode, wherein the extended portions extending from the common line are on a layer different from the common electrode," as recited in independent claim 1 of the present application. Because Asada fails to teach or suggest at least this feature of claim 1, claim 1 and its dependent claims 2, 7, 11

and 13 are allowable over Asada. Reconsideration and withdrawal of the rejection of claims 1, 2, 7-11, 13, 16 and 17 are respectfully requested.

In the Office Action, claims 5 and 6 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Asada. Applicants respectfully traverse the rejection because Asada, alone, fails to teach or suggest the combined features recited in the claims of the present application. For example, Asada fails to teach or suggest an in-plane switching liquid crystal display device that includes, among other features, “extended portions extending from the common line between a boundary of the pixel region and an outermost extended portion of the common electrode, wherein the extended portions extending from the common line are on a layer different from the common electrode” as recited in independent claim 1 from which claims 5 and 6 depend. Because Asada fails to teach or suggest at least this feature of claim 1, claims 5 and 6, by virtue of their dependence from claim 1, are allowable over Asada. Reconsideration and withdrawal of the rejection of claims 5 and 6 are respectfully requested.

In the Office Action, claims 3 and 4 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Asada in view of U.S. Patent No. 6,486,934, issued to Yun et al. (hereafter “Yun”). Applicants respectfully traverse the rejection because neither Asada nor Yun, analyzed alone or in combination, teaches or suggests the combined features recited in the claims of the present application. Specifically, Asada and Yun fail to teach or suggest an in-plane switching liquid crystal display device that includes, among other features, “extended portions extending from the common lines between a boundary of the pixel region and an outermost extended portion of the common electrode, wherein the extended portions extending from the common line are on a layer different from the common electrode” as recited in independent claim 1 from which claims 3 and 4 depend. Because Asada and Yun fail to teach or suggest at least this feature of claim 1, claims 3 and 4, by virtue of their dependence from claim 1, are allowable over any combination of Asada and Yun. Reconsideration and withdrawal of the rejection of claims 3 and 4 are respectfully requested.

In the Office Action, claims 4, 14 and 15 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Asada in view of U.S. Patent No. 6,507,383, issued to Abe et al. (hereafter “Abe”). Applicants respectfully traverse the rejection because neither Asada nor Abe, analyzed alone or in combination, teaches or suggests the combined features recited in the claims of the present application. Specifically, neither Asada nor Abe teaches or suggests an in-plane

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Amendment dated June 8, 2004
Reply to non-final Office Action dated March 9, 2004

Docket No.: 8733.559.00-US

switching liquid crystal display device that includes, among other features, "extended portions extending from the common lines between a boundary of the pixel region and an outermost extended portion of the common electrode, wherein the extended portions extending from the common line are on a layer different from the common electrode" as recited in independent claim 1 from which claims 4, 14 and 15 depend. Because Asada and Abe fail to teach or suggest at least this feature of claim 1, claims 4, 14 and 15, by virtue of their dependence from claim 1, are allowable over any combination of Asada and Yun. Reconsideration and withdrawal of the rejection of claims 4, 14 and 15 are respectfully requested.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue. If the Examiner deems that a telephone conversation would further the prosecution of this application, the Examiner is invited to call the undersigned at (202) 496-7500.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

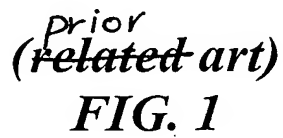
Dated: June 8, 2004

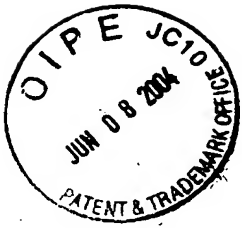
Respectfully submitted,

By Valerie Hayes
Valerie Hayes

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Attachments





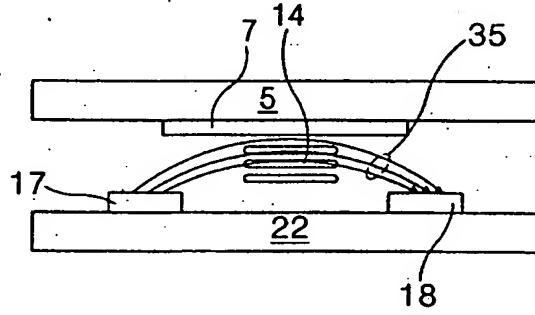
App No.: 10/025,902

Docket No.: 8733.559.00-US

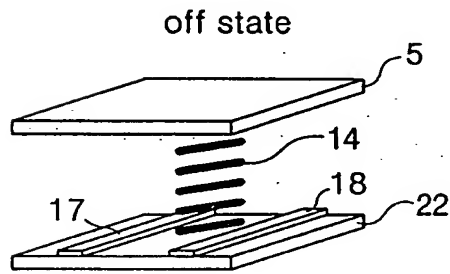
Inventor: Hong-Man Moon et al.

Title: SUBSTRATE FOR IN-PLANE SWITCHING MODE LIQUID CRYSTAL
DISPLAY DEVICE AND METHOD FOR FABRICATING THE SAME

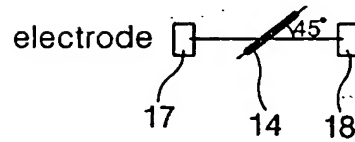
Annotated Sheet 2 of 4



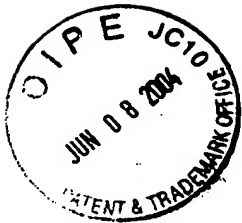
prior
(related art)
FIG. 2



prior
(related art)
FIG. 3A



prior
(related art)
FIG. 3B



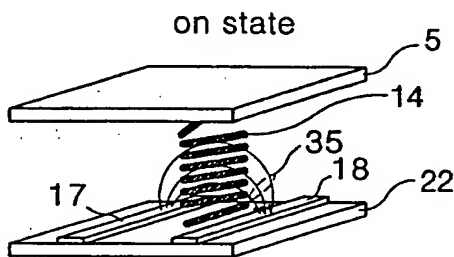
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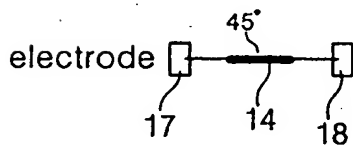
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DISPLAY DEVICE AND METHOD FOR FABRICATING THE SAME

Annotsted Sheet 3 of 4



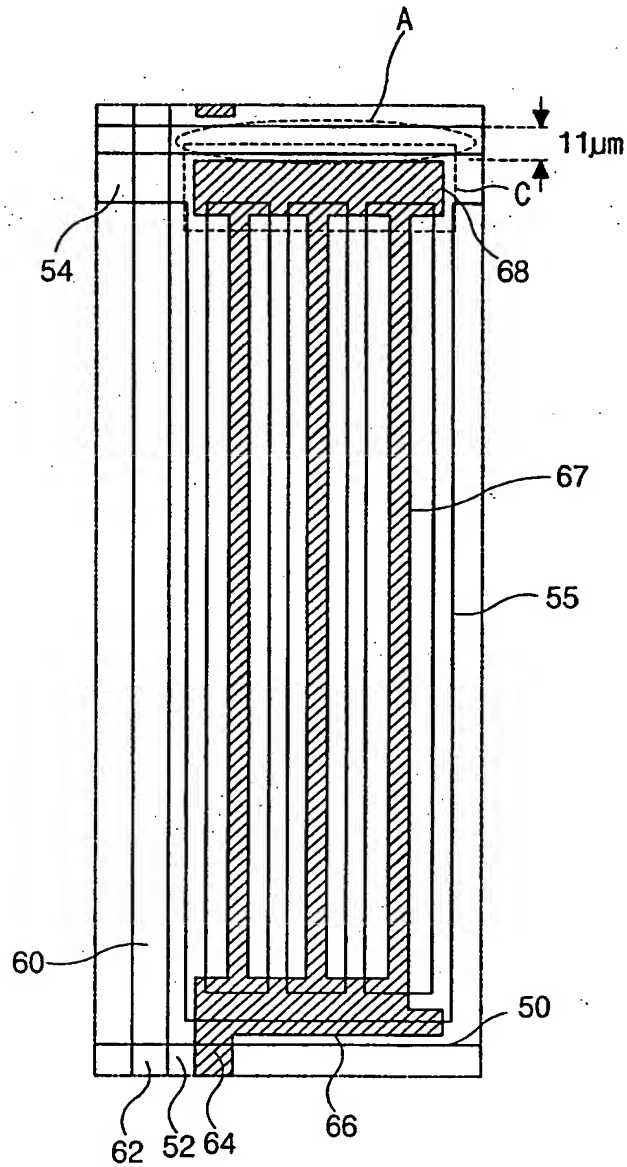
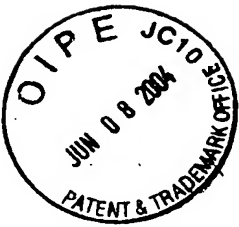
prior
(related art)

FIG. 3C



prior
(related art)

FIG. 3D



prior
~~(related art)~~
FIG. 4